

0270

#11



OIPE

## RAW SEQUENCE LISTING

DATE: 02/19/2003

PATENT APPLICATION: US/10/024,652A

TIME: 13:44:14

Input Set : D:\51158-20025.txt

Output Set: N:\CRF4\02192003\J024652A.raw

4 <110> APPLICANT: Agensys, Inc  
 5 Challita-Eid, Pia M.  
 6 Faris, Mary  
 7 Afar, Daniel E.H.  
 8 Hubert, Rene S.  
 9 Mitchell, Steve Chappell  
 10 Levin, Elana  
 11 Morrison, Karen Jane Meyrick  
 12 Raitano, Arthur B.  
 13 Jakobovits, Aya  
 16 <120> TITLE OF INVENTION: Nucleic Acid and Encoded Zinc  
 17 Transporter Protein Entitled 108P5H8 Useful in Treatment and  
 18 Detection of Cancer  
 20 <130> FILE REFERENCE: 51158-20025.00  
 22 <140> CURRENT APPLICATION NUMBER: 10/024,652A  
 23 <141> CURRENT FILING DATE: 2001-12-17  
 25 <150> PRIOR APPLICATION NUMBER: 60/256,210  
 26 <151> PRIOR FILING DATE: 2000-12-15  
 28 <160> NUMBER OF SEQ ID NOS: 2598  
 30 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 32 <210> SEQ ID NO: 1  
 33 <211> LENGTH: 9  
 34 <212> TYPE: PRT  
 35 <213> ORGANISM: homo sapien  
 37 <400> SEQUENCE: 1  
 38 Leu Asn Asp Thr Ser Ala Phe Asp Phe  
 39 1 5  
 42 <210> SEQ ID NO: 2  
 43 <211> LENGTH: 9  
 44 <212> TYPE: PRT  
 45 <213> ORGANISM: homo sapien  
 47 <400> SEQUENCE: 2  
 48 Leu Thr Asp Leu Ser Ala Ile Ile Leu  
 49 1 5  
 52 <210> SEQ ID NO: 3  
 53 <211> LENGTH: 9  
 54 <212> TYPE: PRT  
 55 <213> ORGANISM: homo sapien  
 57 <400> SEQUENCE: 3  
 58 Met Thr Asp Ala Leu His Met Leu Thr  
 59 1 5  
 62 <210> SEQ ID NO: 4  
 63 <211> LENGTH: 9

ENTERED

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Input Set : D:\51158-20025.txt

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64 <212> TYPE: PRT  
65 <213> ORGANISM: homo sapien  
67 <400> SEQUENCE: 4  
68 Ile Ala Asp Pro Ile Cys Thr Tyr Val  
69 1 5  
72 <210> SEQ ID NO: 5  
73 <211> LENGTH: 9  
74 <212> TYPE: PRT  
75 <213> ORGANISM: homo sapien  
77 <400> SEQUENCE: 5  
78 Ser Cys Asp Asn Cys Ser Lys Gln Arg  
79 1 5  
82 <210> SEQ ID NO: 6  
83 <211> LENGTH: 9  
84 <212> TYPE: PRT  
85 <213> ORGANISM: homo sapien  
87 <400> SEQUENCE: 6  
88 Ser Val Glu Asp Leu Asn Ile Trp Ser  
89 1 5  
92 <210> SEQ ID NO: 7  
93 <211> LENGTH: 9  
94 <212> TYPE: PRT  
95 <213> ORGANISM: homo sapien  
97 <400> SEQUENCE: 7  
98 Tyr Ile Leu Met Gly Phe Leu Leu Tyr  
99 1 5  
102 <210> SEQ ID NO: 8  
103 <211> LENGTH: 9  
104 <212> TYPE: PRT  
105 <213> ORGANISM: homo sapien  
107 <400> SEQUENCE: 8  
108 Gln Leu Ile Pro Gly Ser Ser Ser Lys  
109 1 5  
112 <210> SEQ ID NO: 9  
113 <211> LENGTH: 9  
114 <212> TYPE: PRT  
115 <213> ORGANISM: homo sapien  
117 <400> SEQUENCE: 9  
118 Arg Leu Glu Val Leu Ser Ala Met Ile  
119 1 5  
122 <210> SEQ ID NO: 10  
123 <211> LENGTH: 9  
124 <212> TYPE: PRT  
125 <213> ORGANISM: homo sapien  
127 <400> SEQUENCE: 10  
128 Gly Ser Glu Ala Pro Glu Arg Pro Val  
129 1 5  
132 <210> SEQ ID NO: 11  
133 <211> LENGTH: 9

## RAW SEQUENCE LISTING

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Input Set : D:\51158-20025.txt

Output Set: N:\CRF4\02192003\J024652A.raw

134 <212> TYPE: PRT  
135 <213> ORGANISM: homo sapien  
137 <400> SEQUENCE: 11  
138 Ala Met Ile Ser Val Leu Leu Val Tyr  
139 1 5  
142 <210> SEQ ID NO: 12  
143 <211> LENGTH: 9  
144 <212> TYPE: PRT  
145 <213> ORGANISM: homo sapien  
147 <400> SEQUENCE: 12  
148 Ala Gly Asp Glu Gly Leu Ser Arg Phe  
149 1 5  
152 <210> SEQ ID NO: 13  
153 <211> LENGTH: 9  
154 <212> TYPE: PRT  
155 <213> ORGANISM: homo sapien  
157 <400> SEQUENCE: 13  
158 Ser Val Gly Val Leu Ile Ala Ala Tyr  
159 1 5  
162 <210> SEQ ID NO: 14  
163 <211> LENGTH: 9  
164 <212> TYPE: PRT  
165 <213> ORGANISM: homo sapien  
167 <400> SEQUENCE: 14  
168 Arg Leu Thr Ile Ala Ala Val Leu Tyr  
169 1 5  
172 <210> SEQ ID NO: 15  
173 <211> LENGTH: 9  
174 <212> TYPE: PRT  
175 <213> ORGANISM: homo sapien  
177 <400> SEQUENCE: 15  
178 Leu Leu Asp Gln Asp Leu Pro Leu Thr  
179 1 5  
182 <210> SEQ ID NO: 16  
183 <211> LENGTH: 9  
184 <212> TYPE: PRT  
185 <213> ORGANISM: homo sapien  
187 <400> SEQUENCE: 16  
188 Gln Arg Glu Ile Leu Lys Gln Arg Lys  
189 1 5  
192 <210> SEQ ID NO: 17  
193 <211> LENGTH: 9  
194 <212> TYPE: PRT  
195 <213> ORGANISM: homo sapien  
197 <400> SEQUENCE: 17  
198 Ile Leu Glu Gly Val Pro Ser His Leu  
199 1 5  
202 <210> SEQ ID NO: 18  
203 <211> LENGTH: 9

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/024,652A

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TIME: 13:44:14

Input Set : D:\51158-20025.txt

Output Set: N:\CRF4\02192003\J024652A.raw

204 <212> TYPE: PRT  
205 <213> ORGANISM: homo sapien  
207 <400> SEQUENCE: 18  
208 Lys Ser Pro Thr Lys Arg Phe Thr Phe  
209 1 5  
212 <210> SEQ ID NO: 19  
213 <211> LENGTH: 9  
214 <212> TYPE: PRT  
215 <213> ORGANISM: homo sapien  
217 <400> SEQUENCE: 19  
218 Phe Ser Asp Glu Ala Gly Asp Glu Gly  
219 1 5  
222 <210> SEQ ID NO: 20  
223 <211> LENGTH: 9  
224 <212> TYPE: PRT  
225 <213> ORGANISM: homo sapien  
227 <400> SEQUENCE: 20  
228 Asn Gly Asp Ile Met Leu Ile Thr Ala  
229 1 5  
232 <210> SEQ ID NO: 21  
233 <211> LENGTH: 9  
234 <212> TYPE: PRT  
235 <213> ORGANISM: homo sapien  
237 <400> SEQUENCE: 21  
238 Lys Val Asp Ser Cys Asp Asn Cys Ser  
239 1 5  
242 <210> SEQ ID NO: 22  
243 <211> LENGTH: 9  
244 <212> TYPE: PRT  
245 <213> ORGANISM: homo sapien  
247 <400> SEQUENCE: 22  
248 Glu Ala Gly Asp Glu Gly Leu Ser Arg  
249 1 5  
252 <210> SEQ ID NO: 23  
253 <211> LENGTH: 9  
254 <212> TYPE: PRT  
255 <213> ORGANISM: homo sapien  
257 <400> SEQUENCE: 23  
258 Ile Ala Ala Val Leu Tyr Leu Leu Phe  
259 1 5  
262 <210> SEQ ID NO: 24  
263 <211> LENGTH: 9  
264 <212> TYPE: PRT  
265 <213> ORGANISM: homo sapien  
267 <400> SEQUENCE: 24  
268 Val Leu Ile Ala Ala Tyr Ile Ile Arg  
269 1 5  
272 <210> SEQ ID NO: 25  
273 <211> LENGTH: 9

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/024,652A

DATE: 02/19/2003

TIME: 13:44:14

Input Set : D:\51158-20025.txt

Output Set: N:\CRF4\02192003\J024652A.raw

274 <212> TYPE: PRT  
275 <213> ORGANISM: homo sapien  
277 <400> SEQUENCE: 25  
278 Arg Cys Thr Ile Gln Leu Gln Ser Tyr  
279 1 5  
282 <210> SEQ ID NO: 26  
283 <211> LENGTH: 9  
284 <212> TYPE: PRT  
285 <213> ORGANISM: homo sapien  
287 <400> SEQUENCE: 26  
288 Asn Val Asp Tyr Ile Lys Glu Ala Leu  
289 1 5  
292 <210> SEQ ID NO: 27  
293 <211> LENGTH: 9  
294 <212> TYPE: PRT  
295 <213> ORGANISM: homo sapien  
297 <400> SEQUENCE: 27  
298 Val Ala Val Asn Val Ile Met Gly Phe  
299 1 5  
302 <210> SEQ ID NO: 28  
303 <211> LENGTH: 9  
304 <212> TYPE: PRT  
305 <213> ORGANISM: homo sapien  
307 <400> SEQUENCE: 28  
308 Leu Ile Ala Ala Tyr Ile Ile Arg Phe  
309 1 5  
312 <210> SEQ ID NO: 29  
313 <211> LENGTH: 9  
314 <212> TYPE: PRT  
315 <213> ORGANISM: homo sapien  
317 <400> SEQUENCE: 29  
318 Leu Leu Leu Asn Thr Phe Gly Met Tyr  
319 1 5  
322 <210> SEQ ID NO: 30  
323 <211> LENGTH: 9  
324 <212> TYPE: PRT  
325 <213> ORGANISM: homo sapien  
327 <400> SEQUENCE: 30  
328 Met Ile Gly Glu Leu Val Gly Gly Tyr  
329 1 5  
332 <210> SEQ ID NO: 31  
333 <211> LENGTH: 9  
334 <212> TYPE: PRT  
335 <213> ORGANISM: homo sapien  
337 <400> SEQUENCE: 31  
338 Leu Leu Asn Thr Phe Gly Met Tyr Arg  
339 1 5  
342 <210> SEQ ID NO: 32  
343 <211> LENGTH: 9

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/024,652A

DATE: 02/19/2003  
TIME: 13:44:15

Input Set : D:\51158-20025.txt  
Output Set: N:\CRF4\02192003\J024652A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2585; Xaa Pos. 2